



In the Claims:

Replacement Claims in Clean Form

Please amend Claims 10 (second occurrence) through 15 as follows:

11[10]. (Amended)An election apparatus as claimed in Claim 10 wherein at least two of the data handling devices communicate information to one another over the Internet.

12[11]. (Amended)An election apparatus as claimed in Claim 10 wherein the data handling device that distributes ballots distributes a number of ballots from an inventory of ballots that has more members than there are registered voters.

13[12]. (Amended)An election apparatus as claimed in Claim 10 wherein the data handling device that distributes ballots distributes a ballot having a ballot number, and a matching pair made up of plain-text versions of ballot choices and encrypted versions of ballot choices.

14[13]. (Amended)An election apparatus as claimed in Claim 13[12] wherein the encrypted version is encrypted using an encryption key unique to the ballot.

15[14]. (Amended)An election apparatus as claimed in Claim 13[12] wherein the ballot choices include ballot choices in municipal and national elections.

16[15]. (Amended)An election apparatus as claimed in Claim 10 wherein the authenticator is protected by a firewall.

Please add new claims 17-234 as follows:

- 17. New Claim)An election apparatus as claimed in Claim 10 where any one of the registrar, the authenticator, the distributor, the counter, the matcher, and the verifier is protected by a firewall.----
- 18. New Claim)An election system including:
- (a) a registrar including a registrar link for communication to at least permit a plurality of voters to obtain a unique voter ID;
 - (b) a plurality of ballots for distribution to at least a portion of said plurality of voters, each ballot including a unique ballot ID and a list of plain data; and
 - (c) a data reconciler including a data reconciler link for communication to at least said registrar.--
- 19.(New Claim)The election system according to Claim 18 further including a tally system having a tally system link for communication to at least said data reconciler.--
- 20.(New Claim)The election system according to Claim 19 further including a counter having a counter link for communication at least within said election system.--
- 21.(New Claim)The election system according to Claim 20 further including a ballot generator for generating said plurality of ballots.--
- 22.(New Claim)The election system according to Claim 21 wherein said ballot generator is secure ballot generator.--
- 23.(New Claim)The election system according to Claim 22 further including a matching pair generator for generating a matching pair corresponding said unique ballot ID and said corresponding list of plain data for each of said plurality of ballots.--
- 24.(New Claim)The election system according to Claim 22 further including a ballot encryption key generator for generating a plurality of ballot encryption keys corresponding to said plurality of ballots.--
- 25.(New Claim)The election system according to Claim 24 wherein said ballot encryption key generator is a ballot encryption key-decryption key pair generator.--

- 26.(New Claim)The election system according to Claim 24 further including a ballot encryptor for encrypting said corresponding list of plain data for each of said plurality of ballots using said corresponding plurality of ballot encryption keys.--
- 27.(New Claim)The election system according to Claim 22 further including a ballot decryption key generator for generating a plurality of ballot decryption keys corresponding to said plurality of ballots to facilitate decryption thereof.--
- 28.(New Claim)The election system according to Claim 20 further including a ballot authenticator for authenticating cast ballots.--
- 29.(New Claim)The election system according to Claim 28 further including a tallier for tallying cast ballots.--
- 30.(New Claim)The election system according to Claim 29 further including a decryptor for decrypting cast ballots prior to tallying cast ballots.--
- 31.(New Claim)The election system according to Claim 20 further including a counter database having at least said unique ballot IDs of said plurality of ballots.--
- 32.(New Claim)The election system according to Claim 31 said counter database further including a decryption key corresponding to each of said unique ballot IDs of said plurality of ballots.--
- 33.(New Claim)The election system according to Claim 31 said counter database further including at least one of:
- (a) said plurality of ballots;
 - (b) a matching pair corresponding to each of said unique ballot IDs; and
 - (c) an encryption key corresponding to each of said unique ballot IDs.--
- 34.(New Claim)The election system according to Claim 20 further including a counter key generator.--
- 35.(New Claim)The election system according to Claim 34 wherein said counter key generator is a public key-private key pair generator.--
- 36.(New Claim)The election system according to Claim 31 further including a counter database encryptor.--

- 37.(New Claim)The election system according to Claim 36 wherein said counter database encryptor is an on the fly encryptor.--
- 38.(New Claim)The election system according to Claim 36 wherein said counter database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said counter database.--
- 39.(New Claim)The election system according to Claim 36 further including a counter database decryptor.--
- 40.(New Claim)The election system according to Claim 39 wherein said counter database decryptor is a partial decryptor.--
- 41.(New Claim)The election system according to Claim 19 further including a matcher having a matcher link for communication at least within said election system.--
- 42.(New Claim)The election system according to Claim 41 wherein said matcher link is for communication with said plurality of voters.--
- 43.(New Claim)The election system according to Claim 41 further including a matcher database having at least a matching pair corresponding to each of said unique ballot IDs of said plurality of ballots.--
- 44.(New Claim)The election system according to Claim 41 further including a matcher key generator.--
- 45.(New Claim)The election system according to Claim 44 wherein said matcher key generator is a public key-private key pair generator.--
- 46.(New Claim)The election system according to Claim 43 further including a matcher database encryptor.--
- 47.(New Claim)The election system according to Claim 46 wherein said c matcher database encryptor is an on the fly encryptor.--
- 48.(New Claim)The election system according to Claim 46 wherein said matcher database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said matcher database.--
- 49.(New Claim)The election system according to Claim 46 further including a matcher database decryptor.--

- 50.(New Claim)The election system according to Claim 49 wherein said matcher database decryptor is a partial decryptor.--
- 51.(New Claim)The election system according to Claim 19 further including a distributor having a distributor link for communication at least within said election system.--
- 52.(New Claim)The election system according to Claim 51 wherein said distributor link is for communication with said plurality of voters.--
- 53.(New Claim)The election system according to Claim 52 further including a distributor database having at least said plurality of ballots.--
- 54.(New Claim)The election system according to Claim 51 further including a distributor key generator.--
- 55.(New Claim)The election system according to Claim 54 wherein said distributor key generator is a public key-private key pair generator.--
- 56.(New Claim)The election system according to Claim 53 further including a distributor database encryptor.--
- 57.(New Claim)The election system according to Claim 56 wherein said distributor database encryptor is an on the fly encryptor.--
- 58.(New Claim)The election system according to Claim 56 wherein said distributor database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said matcher database.--
- 59.(New Claim)The election system according to Claim 56 further including a distributor database decryptor.--
- 60.(New Claim)The election system according to Claim 59 wherein said distributor database decryptor is a partial decryptor.--
- 61.(New Claim)An election system including:
- (a) a registrar including a registrar link for communication to at least permit a plurality of voters to obtain a unique voter ID;

- (b) a plurality of ballots for distribution to at least a portion of said plurality of voters, each ballot including a unique ballot ID and a list of plain data;
 - (c) a plurality of authentication codes, an authentication code for use with a cast ballot of said plurality of ballots; and
 - (d) a data reconciler including a data reconciler link for communication to at least said registrar.--
- 62.(New Claim)The election system according to Claim 61 wherein said authentication code is provided by said data reconciler.--
- 63.(New Claim)The election system according to Claim 61 said plurality of ballots further including an encrypted version of said list of plain data.--
- 64.(New Claim)The election system according to Claim 61 wherein said authentication code is an encrypted version of said list of plain data.--
- 65.(New Claim)The election system according to Claim 64 wherein said encrypted version of said list of plain data is provided to a distributor for providing to said plurality of voters.--
- 66.(New Claim)The election system according to Claim 64 further including a plurality of matching pairs corresponding to an encrypted version of said list of plain data.--
- 67.(New Claim)The election system according to Claim 66 wherein said plurality of matching pairs is provided by said data reconciler.--
- 68.(New Claim)The election system according to Claim 67 wherein said plurality of matching pairs are provided to a matcher for distribution to said plurality of voters.--
- 69.(New Claim)The election system according to Claim 61 said registrar further including a voter identifier for determining the identity of said plurality of voters that have cast a vote.--
- 70.(New Claim)The election system according to Claim 61 said registrar further including a registrar database of said plurality of voters.--
- 71.(New Claim)The election system according to Claim 70 wherein said registrar database includes voter information.--
- 72.(New Claim)The election system according to Claim 71 wherein said voter information includes voter names.--

- 73.(New Claim)The election system according to Claim 70 said registrar database further including unique voter IDs of said plurality of voters.--
- 74.(New Claim)The election system according to Claim 70 said registrar further including a registrar key generator.--
- 75.(New Claim)The election system according to Claim 74 wherein said registrar key generator is a public key-private key pair generator.--
- 76.(New Claim)The election system according to Claim 70 further including a registrar database encryptor.--
- 77.(New Claim)The election system according to Claim 76 wherein said registrar database encryptor is an on the fly encryptor.--
- 78.(New Claim)The election system according to Claim 76 wherein said registrar database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said registrar database.--
- 79.(New Claim)The election system according to Claim 76 further including a registrar database decryptor.--
- 80.(New Claim)The election system according to Claim 79 wherein said registrar database decryptor is a partial decryptor.--
- 81.(New Claim)The election system according to Claim 61 wherein said unique voter ID facilitates communication between a voter of said plurality of voters and said data reconciler.--
- 82.(New Claim)The election system according to Claim 61 wherein said unique voter ID facilitates communication between a voter of said plurality of voters and said registrar.--
- 83.(New Claim)The election system according to Claim 61 wherein said unique voter ID permits a voter of said plurality of voters to obtain a ballot of said plurality of ballots.--
- 84.(New Claim)The election system according to Claim 61 wherein said unique voter ID permits verifying that a voter of said plurality of voters cast a ballot of said plurality of ballots.--
- 85.(New Claim)The election system according to Claim 61 wherein said registrar link is bi-directional.-

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- 86.(New Claim)The election system according to Claim 61 wherein said registrar link is an Internet link.--
- 87.(New Claim)The election system according to Claim 61 said registrar further including a unique voter ID generator.--
- 88.(New Claim)The election system according to Claim 87 said unique voter ID generator further including a counter for determining the number of unique IDs generated.--
- 89.(New Claim)The election system according to Claim 61 wherein said registrar link facilitates providing said unique voter ID from said data reconciler to a voter.--
- 90.(New Claim)The election system according to Claim 61 wherein said registrar link facilitates providing a voter private key to a voter of said plurality of voters.--
- 91.(New Claim)The election system according to Claim 90 wherein said registrar passes said voter private key to said voter of said plurality of voters without keeping a copy of said voter private key.--
- 92.(New Claim)The election system according to Claim 61 further including an authenticator including an authenticator link for communication to at least said registrar.--
- 93.(New Claim)The election system according to Claim 92 further including a voter authenticator.--
- 94.(New Claim)The election system according to Claim 92 further including an authenticator database.-
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- 95.(New Claim)The election system according to Claim 92 wherein said authenticator database includes a plurality of voter ID-decryption key pairs.--
- 96.(New Claim)The election system according to Claim 95 wherein said plurality of voter ID-decryption key pairs is a plurality of voter ID-voter public key pairs.--
- 97.(New Claim)The election system according to Claim 92 further including a voter key generator.--
- 98.(New Claim)The election system according to Claim 97 wherein said voter key generator is a voter decryption key generator.--
- 99.(New Claim)The election system according to Claim 98 wherein said voter decryption key generator is a voter public key-private key pair generator.--

- 100.(New Claim)The election system according to Claim 92 said authenticator further including a authenticator key generator.--
- 101.(New Claim)The election system according to Claim 100 wherein said authenticator key generator is a public key-private key pair generator.--
- 102.(New Claim)The election system according to Claim 94 further including a authenticator database encryptor.--
- 103.(New Claim)The election system according to Claim 102 wherein said authenticator database encryptor is an on the fly encryptor.--
- 104.(New Claim)The election system according to Claim 102 wherein said authenticator database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said authenticator database.--
- 105.(New Claim)The election system according to Claim 102 further including a authenticator database decryptor.--
- 106.(New Claim)The election system according to Claim 105 wherein said authenticator database decryptor is a partial decryptor.--
- 107.(New Claim)The election system according to Claim 61 further including a verifier including a verifier link for communication at least within said election system.--
- 108.(New Claim)The election system according to Claim 107 further including a vote counter for counting cast ballots to verify a vote tally.--
- 109.(New Claim)The election system according to Claim 108 wherein said vote counter facilitates independently counting cast ballots to verify a vote tally.--
- 110.(New Claim)The election system according to Claim 108 further including a ballot decryptor for decrypting cast ballots to permit said vote counting of said vote tally.--
- 111.(New Claim)The election system according to Claim 107 further including a verifier database.--
- 112.(New Claim)The election system according to Claim 111 wherein said verifier database includes a plurality of ballot ID-decryption key pairs.--

- 113.(New Claim)The election system according to Claim 112 wherein said plurality of ballot ID-decryption key pairs is a plurality of ballot ID-voter public key pairs.--
- 114.(New Claim)The election system according to Claim 107 said verifier further including a verifier key generator.--
- 115.(New Claim)The election system according to Claim 114 wherein said verifier key generator is a public key-private key pair generator.--
- 116.(New Claim)The election system according to Claim 111 further including a verifier database encryptor.--
- 117.(New Claim)The election system according to Claim 116 wherein said verifier database encryptor is an on the fly encryptor.--
- 118.(New Claim)The election system according to Claim 116 wherein said verifier database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said verifier database.--
- 119.(New Claim)The election system according to Claim 116 further including a verifier database decryptor.--
- 120.(New Claim)The election system according to Claim 119 wherein said verifier database decryptor is a partial decryptor.--
- 121.(New Claim)The election system according to Claim 61 wherein said data reconciler link permits communication with a voter of said plurality of voters.--
- 122.(New Claim)The election system according to Claim 121 wherein said communication with a voter of said plurality of voters is via an Internet link.--
- 123.(New Claim)The election system according to Claim 121 wherein said communication with a voter of said plurality of voters is via an Intranet link.--
- 124.(New Claim)An election system including:
- (a) a registrar including a registrar link for communication to at least permit a plurality of voters to obtain a unique voter ID;

- (b) a plurality of ballots for distribution to at least a portion of said plurality of voters, each ballot including a unique ballot ID and a list of plain data;
 - (c) a plurality of authentication codes, an authentication code for use with a cast ballot of said plurality of ballots;
 - (d) a data reconciler including a data reconciler link for communication to at least said registrar;
and
 - (e) a tally system having a tally system link for communication to at least said data reconciler.--
- 125.(New Claim)The election system according to Claim 124 further including a counter having a counter link for communication at least within said election system.--
- 126.(New Claim)The election system according to Claim 125 further including a ballot generator for generating said plurality of ballots.--
- 127.(New Claim)The election system according to Claim 126 wherein said ballot generator is secure ballot generator.--
- 128.(New Claim)The election system according to Claim 127 further including a matching pair generator for generating a matching pair corresponding said unique ballot ID and said corresponding list of plain data for each of said plurality of ballots.--
- 129.(New Claim)The election system according to Claim 127 further including a ballot encryption key generator for generating a plurality of ballot encryption keys corresponding to said plurality of ballots.--
- 130.(New Claim)The election system according to Claim 129 wherein said ballot encryption key generator is a ballot encryption key-decryption key pair generator.--
- 131.(New Claim)The election system according to Claim 129 further including a ballot encryptor for encrypting said corresponding list of plain data for each of said plurality of ballots using said corresponding plurality of ballot encryption keys.--
- 132.(New Claim)The election system according to Claim 127 further including a ballot decryption key generator for generating a plurality of ballot decryption keys corresponding to said plurality of ballots to facilitate decryption thereof.--

- 133.(New Claim)The election system according to Claim 125 further including a ballot authenticator for authenticating cast ballots.--
- 134.(New Claim)The election system according to Claim 133 further including a tallier for tallying cast ballots.--
- 135.(New Claim)The election system according to Claim 134 further including a decryptor for decrypting cast ballots prior to tallying cast ballots.--
- 136.(New Claim)The election system according to Claim 125 further including a counter database having at least said unique ballot IDs of said plurality of ballots.--
- 137.(New Claim)The election system according to Claim 136 said counter database further including a decryption key corresponding to each of said unique ballot IDs of said plurality of ballots.--
- 138.(New Claim)The election system according to Claim 136 said counter database further including at least one of:
- (a) said plurality of ballots;
 - (b) a matching pair corresponding to each of said unique ballot IDs; and
 - (c) an encryption key corresponding to each of said unique ballot IDs.--
- 139.(New Claim)The election system according to Claim 125 further including a counter key generator.--
- 140.(New Claim)The election system according to Claim 139 wherein said counter key generator is a public key-private key pair generator.--
- 141.(New Claim)The election system according to Claim 136 further including a counter database encryptor.--
- 142.(New Claim)The election system according to Claim 141 wherein said counter database encryptor is an on the fly encryptor.--
- 143.(New Claim)The election system according to Claim 141 wherein said counter database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said counter database.--

- 144.(New Claim)The election system according to Claim 141 further including a counter database decryptor.--
- 145.(New Claim)The election system according to Claim 144 wherein said counter database decryptor is a partial decryptor.--
- 146.(New Claim)The election system according to Claim 124 further including a matcher having a matcher link for communication at least within said election system.--
- 147.(New Claim)The election system according to Claim 146 wherein said matcher link is for communication with said plurality of voters.--
- 148.(New Claim)The election system according to Claim 146 further including a matcher database having at least a matching pair corresponding to each of said unique ballot IDs of said plurality of ballots.--
- 149.(New Claim)The election system according to Claim 146 further including a matcher key generator.--
- 150.(New Claim)The election system according to Claim 149 wherein said matcher key generator is a public key-private key pair generator.--
- 151.(New Claim)The election system according to Claim 148 further including a matcher database encryptor.--
- 152.(New Claim)The election system according to Claim 151 wherein said c matcher database encryptor is an on the fly encryptor.--
- 153.(New Claim)The election system according to Claim 151 wherein said matcher database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said matcher database.--
- 154.(New Claim)The election system according to Claim 151 further including a matcher database decryptor.--
- 155.(New Claim)The election system according to Claim 154 wherein said matcher database decryptor is a partial decryptor.--

- 156.(New Claim)The election system according to Claim 124 further including a distributor having a distributor link for communication at least within said election system.--
- 157.(New Claim)The election system according to Claim 156 wherein said distributor link is for communication with said plurality of voters.--
- 158.(New Claim)The election system according to Claim 157 further including a distributor database having at least said plurality of ballots.--
- 159.(New Claim)The election system according to Claim 156 further including a distributor key generator.--
- 160.(New Claim)The election system according to Claim 159 wherein said distributor key generator is a public key-private key pair generator.--
- 161.(New Claim)The election system according to Claim 158 further including a distributor database encryptor.--
- 162.(New Claim)The election system according to Claim 161 wherein said distributor database encryptor is an on the fly encryptor.--
- 163.(New Claim)The election system according to Claim 161 wherein said distributor database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said matcher database.--
- 164.(New Claim)The election system according to Claim 161 further including a distributor database decryptor.--
- 165.(New Claim)The election system according to Claim 164 wherein said distributor database decryptor is a partial decryptor.--
- 166.(New Claim)The election system according to Claim 124 wherein said authentication code is provided by said data reconciler.--
- 167.(New Claim)The election system according to Claim 124 said plurality of ballots further including an encrypted version of said list of plain data.--
- 168.(New Claim)The election system according to Claim 124 wherein said authentication code is an encrypted version of said list of plain data.--

- 169.(New Claim)The election system according to Claim 168 wherein said encrypted version of said list of plain data is provided to a distributor for proving to said plurality of voters.--
- 170.(New Claim)The election system according to Claim 168 further including a plurality of matching pairs corresponding to an encrypted version of said list of plain data.--
- 171.(New Claim)The election system according to Claim 170 wherein said plurality of matching pairs is provided by said data reconciler.--
- 172.(New Claim)The election system according to Claim 171 wherein said plurality of matching pairs are provided to a matcher for distribution to said plurality of voters.--
- 173.(New Claim)The election system according to Claim 124 said registrar further including a voter identifier for determining the identity of said plurality of voters that have cast a vote.--
- 174.(New Claim)The election system according to Claim 124 said registrar further including a registrar database of said plurality of voters.--
- 175.(New Claim)The election system according to Claim 174 wherein said registrar database includes voter information.--
- 176.(New Claim)The election system according to Claim 175 wherein said voter information includes voter names.--
- 177.(New Claim)The election system according to Claim 174 said registrar database further including unique voter IDs of said plurality of voters.--
- 178.(New Claim)The election system according to Claim 174 said registrar further including a registrar key generator.--
- 179.(New Claim)The election system according to Claim 178 wherein said registrar key generator is a public key-private key pair generator.--
- 180.(New Claim)The election system according to Claim 174 further including a registrar database encryptor.--
- 181.(New Claim)The election system according to Claim 180 wherein said registrar database encryptor is an on the fly encryptor.--

- 182.(New Claim)The election system according to Claim 180 wherein said registrar database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said registrar database.--
- 183.(New Claim)The election system according to Claim 180 further including a registrar database decryptor.--
- 184.(New Claim)The election system according to Claim 183 wherein said registrar database decryptor is a partial decryptor.--
- 185.(New Claim)The election system according to Claim 124 wherein said unique voter ID facilitates communication between a voter of said plurality of voters and said data reconciler.--
- 186.(New Claim)The election system according to Claim 124 wherein said unique voter ID facilitates communication between a voter of said plurality of voters and said registrar.--
- 187.(New Claim)The election system according to Claim 124 wherein said unique voter ID permits a voter of said plurality of voters to obtain a ballot of said plurality of ballots.--
- 188.(New Claim)The election system according to Claim 124 wherein said unique voter ID permits verifying that a voter of said plurality of voters cast a ballot of said plurality of ballots.--
- 189.(New Claim)The election system according to Claim 124 wherein said registrar link is bi-directional.--
- 190.(New Claim)The election system according to Claim 124 wherein said registrar link is an Internet link.--
- 191.(New Claim)The election system according to Claim 124 said registrar further including a unique voter ID generator.--
- 192.(New Claim)The election system according to Claim 191 said unique voter ID generator further including a counter for determining the number of unique IDs generated.--
- 193.(New Claim)The election system according to Claim 124 wherein said registrar link facilitates providing said unique voter ID from said data reconciler to a voter.--
- 194.(New Claim)The election system according to Claim 124 wherein said registrar link facilitates providing a voter private key to a voter of said plurality of voters.--

- 195.(New Claim)The election system according to Claim 194 wherein said registrar passes said voter private key to said voter of said plurality of voters without keeping a copy of said voter private key.--
- 196.(New Claim)The election system according to Claim 124 further including an authenticator including an authenticator link for communication to at least said registrar.--
- 197.(New Claim)The election system according to Claim 196 further including a voter authenticator.--
- 198.(New Claim)The election system according to Claim 196 further including an authenticator database.--
- 199.(New Claim)The election system according to Claim 196 wherein said authenticator database includes a plurality of voter ID-decryption key pairs.--
- 200.(New Claim)The election system according to Claim 199 wherein said plurality of voter ID-decryption key pairs is a plurality of voter ID-voter public key pairs.--
- 201.(New Claim)The election system according to Claim 196 further including a voter key generator.--
- 202.(New Claim)The election system according to Claim 201 wherein said voter key generator is a voter decryption key generator.--
- 203.(New Claim)The election system according to Claim 202 wherein said voter decryption key generator is a voter public key-private key pair generator.--
- 204.(New Claim)The election system according to Claim 196 said authenticator further including a authenticator key generator.--
- 205.(New Claim)The election system according to Claim 204 wherein said authenticator key generator is a public key-private key pair generator.--
- 206.(New Claim)The election system according to Claim 198 further including a authenticator database encryptor.--
- 207.(New Claim)The election system according to Claim 206 wherein said authenticator database encryptor is an on the fly encryptor.--
- 208.(New Claim)The election system according to Claim 206 wherein said authenticator database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said authenticator database.--

- 209.(New Claim)The election system according to Claim 206 further including a authenticator database decryptor.--
- 210.(New Claim)The election system according to Claim 209 wherein said authenticator database decryptor is a partial decryptor.--
- 211.(New Claim)The election system according to Claim 124 further including a verifier including a verifier link for communication at least within said election system.--
- 212.(New Claim)The election system according to Claim 211 further including a vote counter for counting cast ballots to verify a vote tally.--
- 213.(New Claim)The election system according to Claim 212 wherein said vote counter facilitates independently counting cast ballots to verify a vote tally.--
- 214.(New Claim)The election system according to Claim 212 further including a ballot decryptor for decrypting cast ballots to permit said vote counting of said vote tally.--
- 215.(New Claim)The election system according to Claim 211 further including a verifier database.--
- 216.(New Claim)The election system according to Claim 215 wherein said verifier database includes a plurality of ballot ID-decryption key pairs.--
- 217.(New Claim)The election system according to Claim 216 wherein said plurality of ballot ID-decryption key pairs is a plurality of ballot ID-voter public key pairs.--
- 218.(New Claim)The election system according to Claim 211 said verifier further including a verifier key generator.--
- 219.(New Claim)The election system according to Claim 218 wherein said verifier key generator is a public key-private key pair generator.--
- 220.(New Claim)The election system according to Claim 215 further including a verifier database encryptor.--
- 221.(New Claim)The election system according to Claim 220 wherein said verifier database encryptor is an on the fly encryptor.--

- 222.(New Claim)The election system according to Claim 220 wherein said verifier database encryptor uses public keys generated by a plurality of facilities of said election system to encrypt said verifier database.--
- 223.(New Claim)The election system according to Claim 220 further including a verifier database decryptor.--
- 224.(New Claim)The election system according to Claim 223 wherein said verifier database decryptor is a partial decryptor.--
- 225.(New Claim)The election system according to Claim 124 wherein said data reconciler link permits communication with a voter of said plurality of voters.--
- 226.(New Claim)The election system according to Claim 225 wherein said communication with a voter of said plurality of voters is via an Internet link.--
- 227.(New Claim)The election system according to Claim 225 wherein said communication with a voter of said plurality of voters is via an Intranet link.--
- 228.(New Claim)The election system according to Claim 225 wherein said communication with a voter of said plurality of voters is direct.--
- 229.(New Claim)The election system according to Claim 225 wherein said communication with a voter of said plurality of voters is indirect.--
- 230.(New Claim)The election system according to Claim 121 wherein said communication with a voter of said plurality of voters is direct.--
- 231.(New Claim)The election system according to Claim 121 wherein said communication with a voter of said plurality of voters is indirect.--
- 232.(New Claim)An election method including:
- (a) registering a plurality of voters by providing each a unique voter ID;
 - (b) distributing to at least a portion of said plurality of voters a ballot including a unique ballot ID and a list of plain data; and
 - (c) (c) reconciling a cast ballot of said plurality of ballots.--